

METHOD AND APPARATUS FOR DYNAMIC NETWORK PREFIX ALLOCATION FOR A MOBILE ROUTER

ABSTRACT OF THE DISCLOSURE

5 In a system (100) including at least one mobility server (50), at least one
mobile router (20) and a plurality of hosts (30,40), a method for network prefix
allocation that includes the steps of: detecting a need for at least one network
prefix for a mobile router (20); sending a registration request message to a
mobility server (50) that includes a request to allocate the at least one network
10 prefix to the mobile router (20); and receiving a registration reply responsive to
the registration request that includes at least one allocated network prefix, wherein
the at least one allocated network prefix is reserved for the mobile router (20) for
a first time period.

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